



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3180

SERIAL NUMBER 10/714,049	FILING OR 371(c) DATE 11/13/2003 RULE	CLASS 709	GROUP ART UNIT 2109	ATTORNEY DOCKET NO. GB920030046US1
-----------------------------	--	--------------	------------------------	--

APPLICANTS

John J. Duigenan, Bournemouth, UNITED KINGDOM; *TKP*
 Stephen J Todd, Winchester, UNITED KINGDOM;
 Graham D. Wallis, West Wellow, UNITED KINGDOM;

** CONTINUING DATA ***** *TKP*** FOREIGN APPLICATIONS ***** *TKP*
 UNITED KINGDOM 0312894.9 06/05/2003**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

** 02/12/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY UNITED KINGDOM	SHEETS DRAWING 4	TOTAL CLAIMS 33	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance				
Verified and Acknowledged <i>[Signature]</i> <i>TKP</i> Examiner's Signature Initials				

ADDRESS

IBM Corporation
 IP Law Department
 11400 Burnet Road
 Austin, TX78758

TITLE

Liveness monitoring in a publish/subscribe messaging system

FILING FEE RECEIVED 1004	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------	---	---